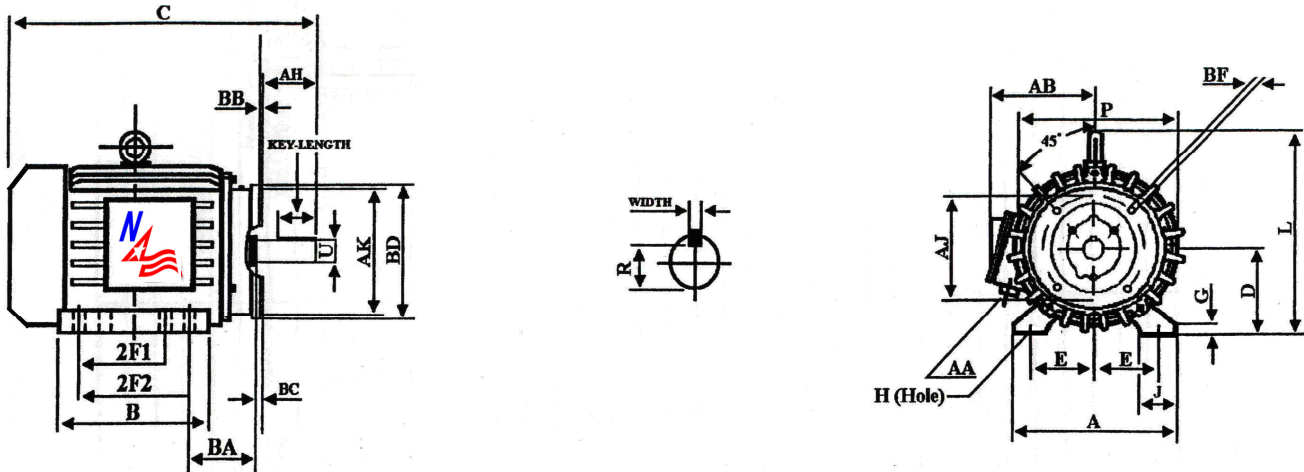


# XP1205C

## C-Face General Purpose Explosion Proof Motors

Class I, Division I, Groups C & D and Class II, Division I, Groups E, F and G - Operating Temperature Code: T3C



### DIMENSIONS – INCHES

MOUNTING					A	B	C	D	G	J	P	L	BC	AH	AB	AA
E	2F1	2F2	H	BA												
4.25	5.5	7	0.4	4.25	10.5	8.7	20.3	5.25	0.8	2.4	11.4	12.5	+0.25	3.12	10	1
KEY			KEYSET R	FLANGE					SHAFT EXTENSION							
WIDTH	LENGTH			AK	AJ	BF	BB	BD	N-W	U						
0.312	2.41		1.201	8.5	7.25	1/2-13	0.25	9	3.38	1.375						

### PERFORMANCE DATA

Three Phase – 60Hz - 208-230/460V – NEMA Design B - Max. Ambient: 40° C

HP	Speed	Frame	NEMA Code	Efficiency (%)			Power Factor			Torque (ft-lb)		
				100%	75%	50%	100%	75%	50%	FLT	BDT	LRT
5	1160	215TC	J	87.5	89.1	88.4	0.804	0.763	0.656	22.64	49.5	34.6
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
6.6	46	6308-ZZ	6308-ZZ	F	TEFC	1.15	279					



North American Electric, Inc. 350 Vaiden Drive, Hernando, MS 38632

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**50Hz AND 60Hz DATA FOR 3 PHASE AC INDUCTION MOTOR AS IT APPEARS ON THE NAMEPLATE.**

## **XP1205C**

<b>CAT. NO: XP1205C</b>		<b>FRAME: 215TC</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6308-ZZ</b>				<b>OPP/END BRG: 6308-ZZ</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 279LBS</b>	
<b>USABLE ON 208V 60HZ AT: 14.6 MAX. AMPS</b>						<b>SER:</b>	
<b>DIVISION I, CLASS I, GROUPS C &amp; D CLASS II, GROUPS E, F &amp; G</b>						<b>OP TEMP CODE: T3C</b>	
<b>60 HERTZ DATA</b>	<b>HP: 5 RPM: 1160</b>			<b>HP: 5 RPM: 960</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 13.2/6.6</b>			<b>F. L. AMPS: 15.7/7.85</b>			
	<b>S.F. AMPS: 15.2/7.6</b>			<b>S.F. AMPS: 15.7/7.85</b>			
	<b>S.F. 1.15</b>	<b>DESIGN: B</b>	<b>CODE: J</b>	<b>S.F. 1.0</b>	<b>DESIGN:</b>	<b>CODE: K</b>	
	<b>NEMA NOM. EFF: 87.5%</b>			<b>NEMA NOM. EFF: 85.5%</b>			
	<b>NOM. P. F.: 0.804</b>			<b>NOM. P. F.: 0.837</b>			
	<b>NEMA MIN. EFF.: 85.5%</b>			<b>NEMA MIN. EFF.: 82.5%</b>			
	<b>MAX. KVAR: 2.41</b>			<b>MAX. KVAR: 1.80</b>			

**Note: F.L. = Full Load      P.F. = Power Factor      S.F. = Service Factor**



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